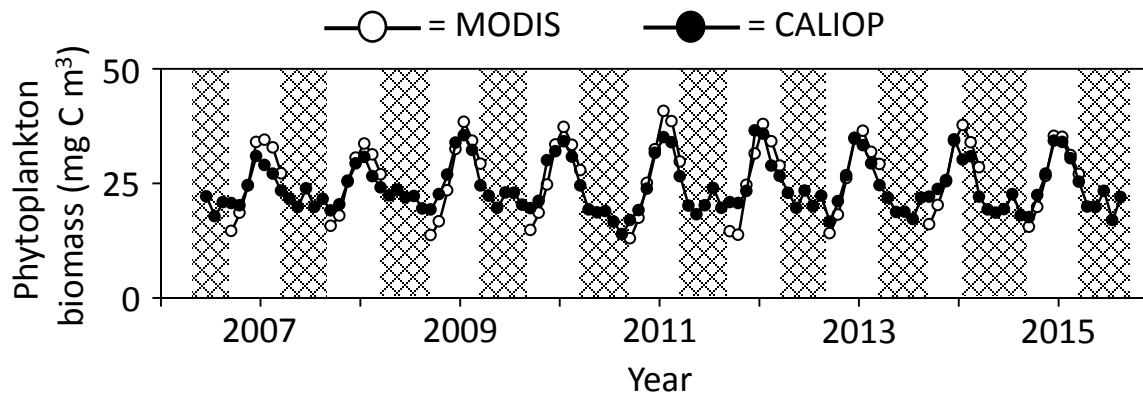
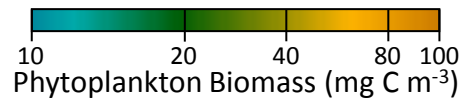
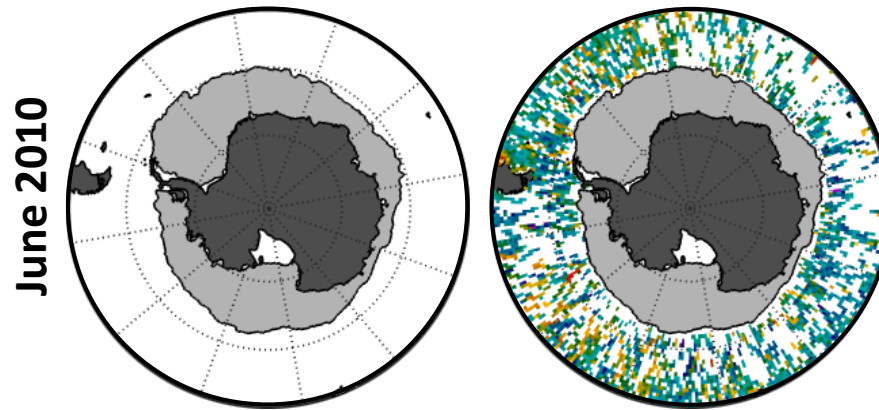


Lidar observations of the Southern Ocean

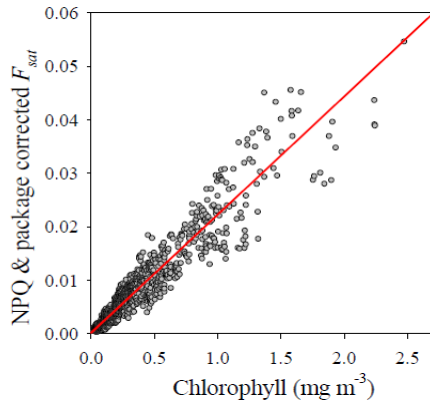
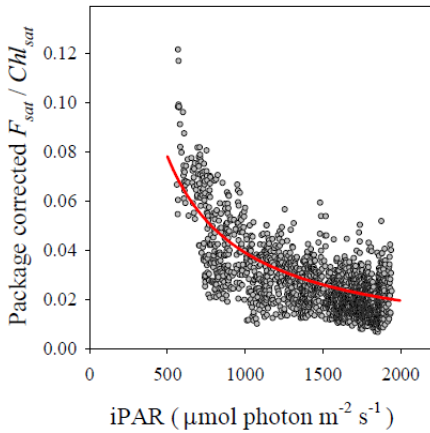
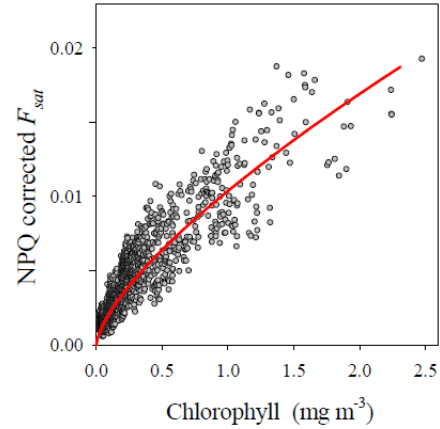


MODIS biomass

CALIOP biomass



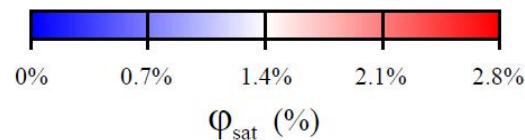
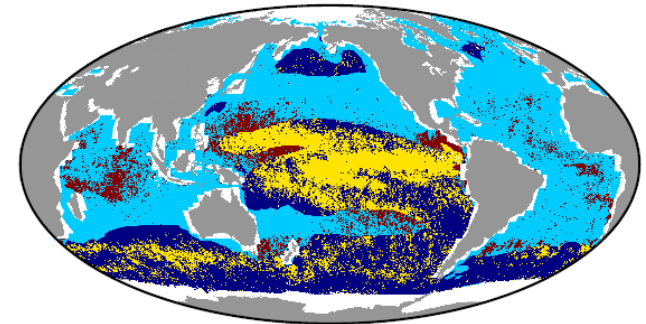
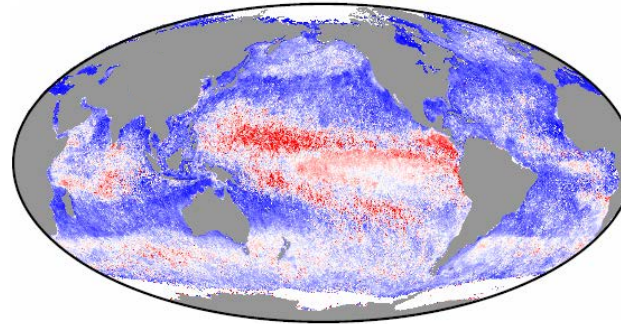
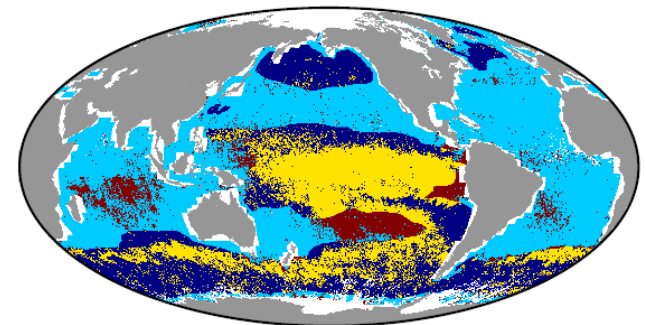
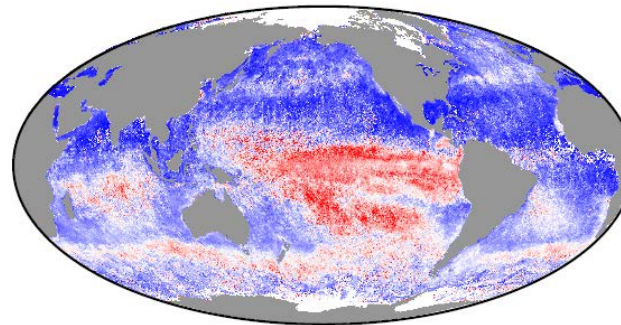
The Missing Iron Stress Signal



March–May

September–November

Fluorescence Quantum Yield



Model no iron stress
Model iron stress

High ϕ_{sat} , model iron-limited
High ϕ_{sat} , model other-limited